

Fig. 1 Prior Art

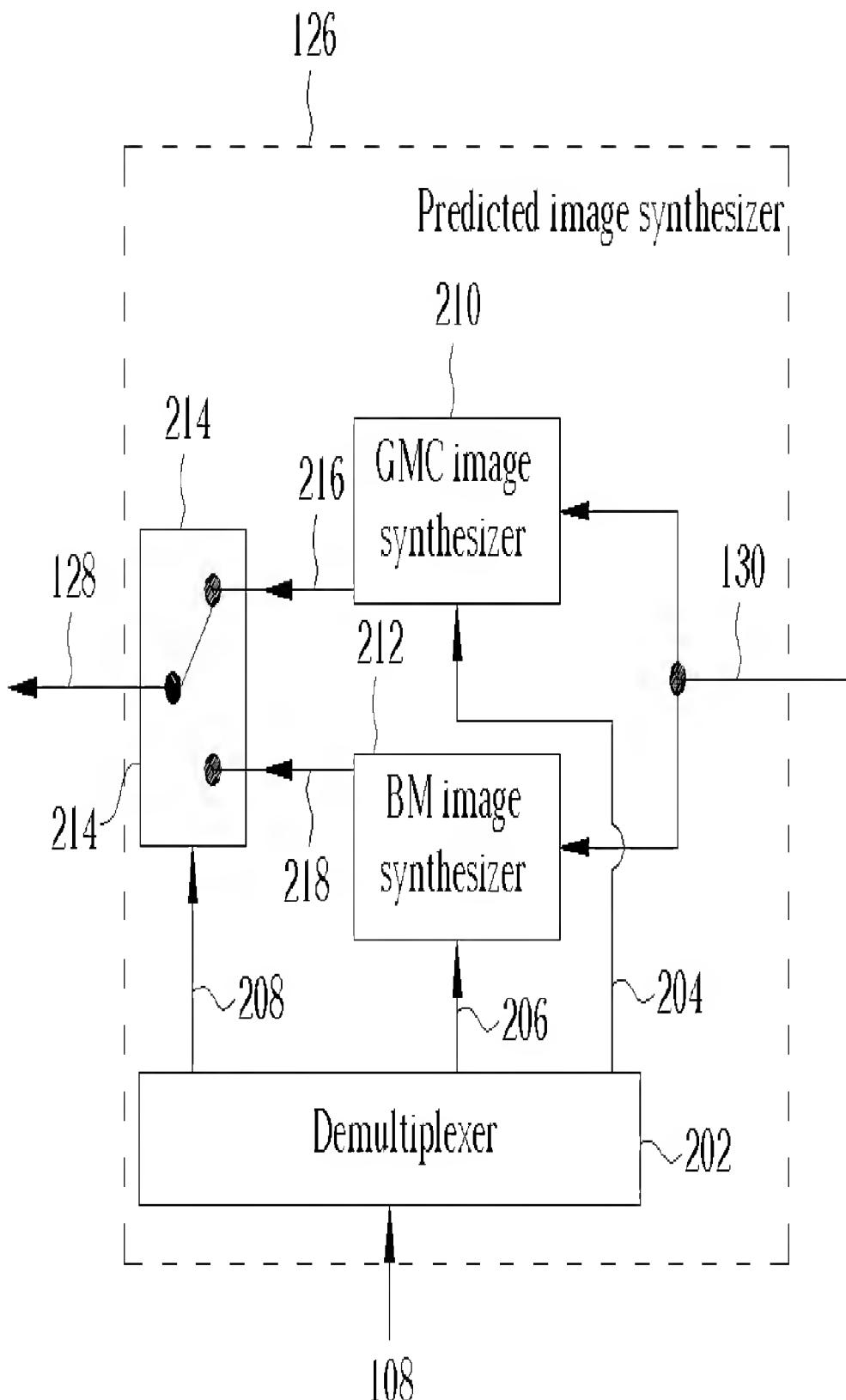


Fig. 2 Prior Art

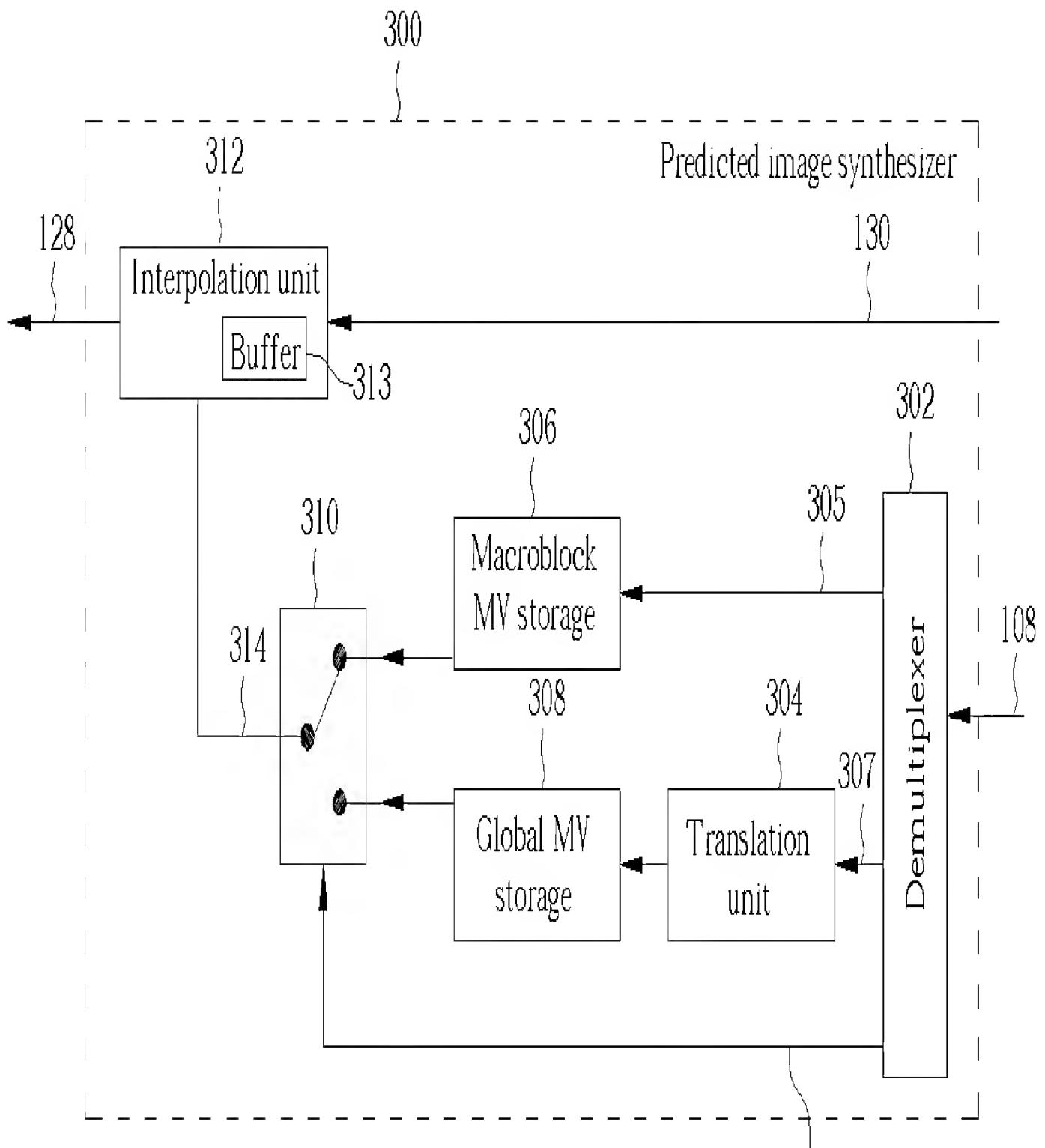
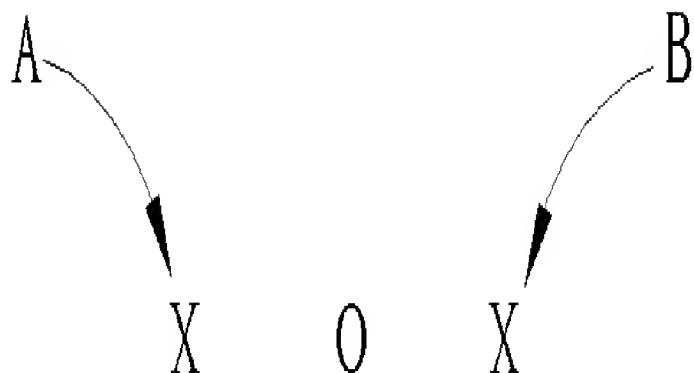


Fig. 3



X: Integer pixel position

0      0      0      0: Half pixel position

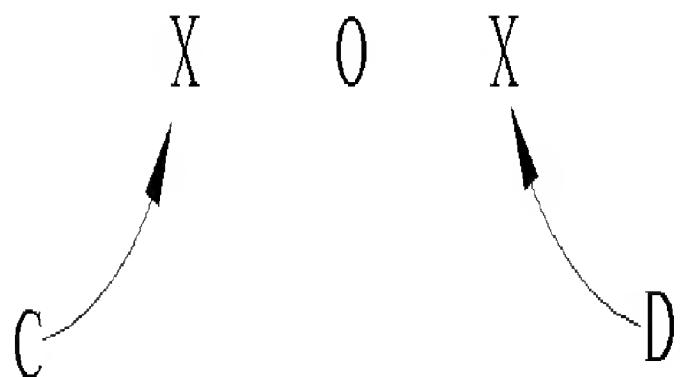


Fig. 4

I<sub>A</sub> H<sub>1</sub> I<sub>B</sub>

H<sub>2</sub> H<sub>3</sub> H<sub>4</sub>

I<sub>C</sub> H<sub>5</sub> I<sub>D</sub>

Fig. 5

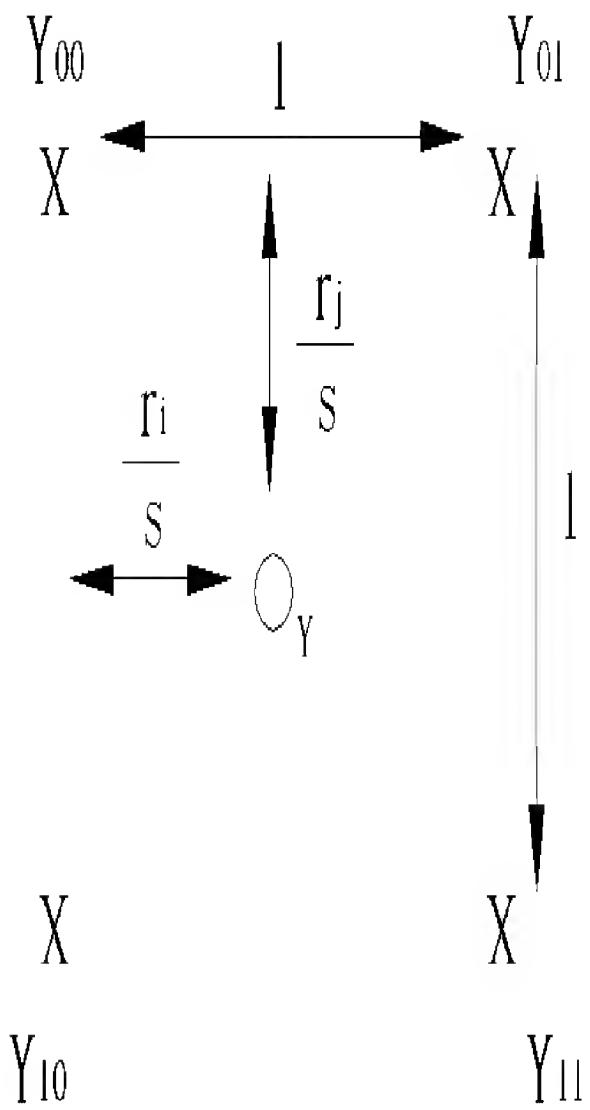


Fig. 6 Prior Art

( Y<sub>00</sub> ) I<sub>A</sub> Q<sub>1</sub> H<sub>2</sub> Q<sub>3</sub> I<sub>B</sub> ( Y<sub>01</sub> )

Q<sub>4</sub> Q<sub>5</sub> Q<sub>6</sub> Q<sub>7</sub> Q<sub>8</sub>

H<sub>9</sub> Q<sub>10</sub> H<sub>11</sub> Q<sub>12</sub> H<sub>13</sub>

Q<sub>14</sub> Q<sub>15</sub> Q<sub>16</sub> Q<sub>17</sub> Q<sub>18</sub>

( Y<sub>10</sub> ) I<sub>C</sub> Q<sub>19</sub> H<sub>20</sub> Q<sub>21</sub> I<sub>D</sub> ( Y<sub>11</sub> )

Fig. 8

( Y<sub>00</sub> ) I<sub>A</sub> H<sub>1</sub> I<sub>B</sub> ( Y<sub>01</sub> )

H<sub>2</sub> H<sub>3</sub> H<sub>4</sub>

( Y<sub>10</sub> ) I<sub>C</sub> H<sub>5</sub> I<sub>0</sub> ( Y<sub>11</sub> )

Fig. 7

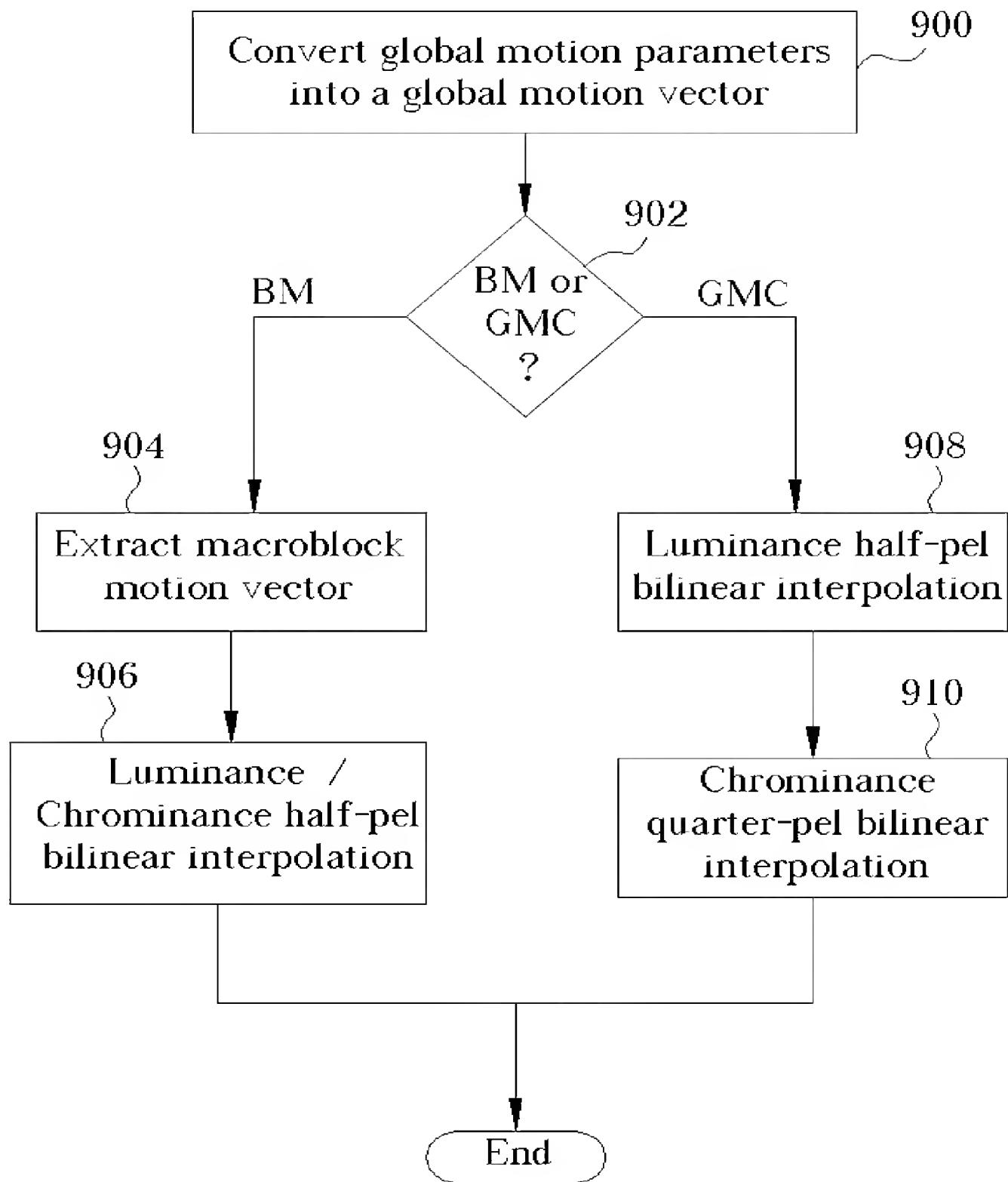


Fig. 9